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STADIUM ROOF MAKEOVER

JANUARY 2025

# CoatingsPro<sup>TM</sup>

M A G A Z I N E

## EPOXY FLOOR OVERHAUL



» **THREE-PHASE COATING INSTALLATION**

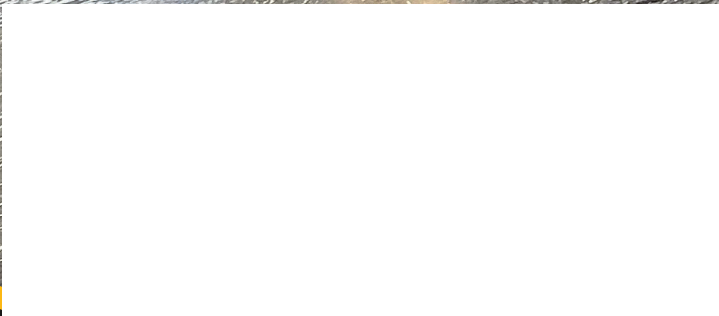
» **ANTI-SLIP COATING ADVANCES**

» **IMPACT OF AI ON PROJECTS**

**2025 COMPANY PROFILES**

TOP COATINGS INDUSTRY COMPANIES

PG. 32



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EPOXY

CONCRETE

INDUSTRIAL APPLICATION

## The Epoxy Duo

BY **SUE DRUMMOND**

PHOTOS COURTESY OF **QUALITY EPOXY**

**F**or Jon and Monica Kopp, owners of Quality Epoxy out of Phoenix, Ariz., the key to their success lies in their hands-on approach to every single job. The couple has spent the past 26 years building a reputation for excellence, all while working without employees. Their unique dynamic as a husband-and-wife team allows them to maintain full control over the quality of their work, setting them apart from competitors in the fast-growing epoxy coatings industry.

“We’ve been doing this for more than two decades, we’re the longest-running coating company in the United States — and our customers love that it’s always us they deal with — from the first phone call to the final coat,” Jon said. “I have full control over my company, and that’s something our clients appreciate.”

Running a business without employees might sound like a challenge, but for Jon and Monica, it’s the secret to their success. From the moment they step onto a job site, clients know they’re getting personalized attention. “We’ve never hired employees because I don’t want to be at the mercy of someone else representing my company,” Jon explained. “When you hire us, you get us — period.”

This husband-and-wife team approaches each project with an unparalleled level of dedication, from meticulously prepping surfaces to applying the final topcoat. Their communication with clients is constant, ensuring everyone is on the same page. “There’s no middleman, no surprises,” Jon said. “Every customer knows they’re in good hands, and that’s what’s kept us in business for 26 years.”

### Soaring with Pegasus

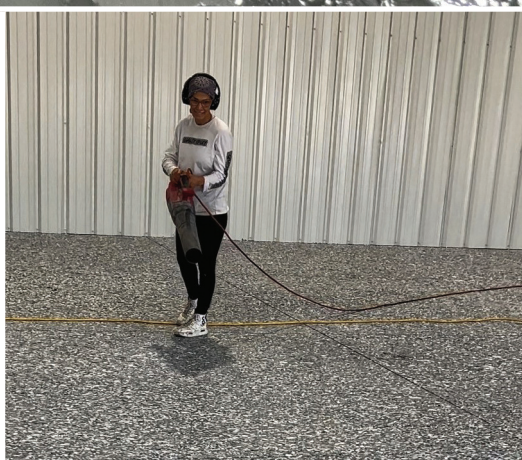
One of their standout projects was a 5,000-square-foot (464.5-m<sup>2</sup>) private airplane hangar for a repeat customer, located in the exclusive Pegasus Airpark community in Queen Creek, Ariz. This upscale community offers homeowners the unique luxury of sharing a private airstrip while having personal airplane hangars connected to their homes.

“It’s an incredible community,” Jon explains. “Where else can you leave your house in a private plane and taxi to a private airstrip in minutes?” Jon and Monica were tasked with coating





Owned by the husband-and-wife team of Jon and Monica Kopp, coatings company Quality Epoxy has worked on many standout projects. The list includes a 5,000-square-foot private airplane hanger in the exclusive Pegasus Airpark community.



# Hangar Floor Liftoff



Monica vacuums and patches cracks to prepare for the Kopps' three-layer flooring system, which was applied over three consecutive mornings.

the hangar floor, matching the finish they had previously completed in the home's garage.

However, working during the Phoenix summer presented a serious challenge. "Out here in Phoenix, it's brutal in the summer," Jon recalled. "We usually finish our three-layer system within 24 hours, but with temperatures soaring, and the sheer size of the job, we had to adapt." To avoid working in the afternoon heat, Jon and Monica divided the job into three consecutive mornings. Despite the challenges, the couple's expertise and coordination allowed them to deliver a high-quality finish without compromising efficiency.

## Layer by Layer

Jon and Monica's three-layer system is a carefully crafted process, combining their expertise, the highest-quality products, and essential safety precautions to ensure every floor they install is built to last. The Pegasus Park hangar project was no different.

### Day 1: Surface Prep and Base Coat Application

Monica takes the lead on surface preparation, using the ASL G7 grinder, which is outfitted with 16/20 single-seg soft diamonds. "The heavier the grinder, the better the prep," Jon said. This ensures a deep grind that properly prepares the concrete for coating. The use of soft diamonds accelerates grinding on hard concrete, which is crucial for achieving a smooth, even surface.

They don't waste time testing to see the type of concrete they are working with, they always set up for hard concrete. If they end up running into soft concrete, the prep simply goes faster.

Safety is a top priority during the grinding process. They both wear N95 masks and safety goggles due to the proximity of dust and debris. Monica covers the large open areas of the floor while Jon handles the detailed grinding where the larger machine can't reach. Jon's tool of choice is a 4-inch (10.16-cm) Dewalt disc grinder with a toggle switch for safety. "The toggle

switch is critical," Jon explained, "because it stops the grinder immediately if you let go, minimizing risk."

Monica then vacuums and patches cracks and imperfections while Jon measures the area and begins mixing the base coat. They exclusively use ASTC polyaspartic coatings with pigment packs added, for its ultraviolet (UV) protection and long-lasting performance.

"Typically, we use ASTC's 5500 Series with double H, which stands for high humidity. On this project, due to the extreme heat, we opted for the triple H instead." Jon stresses the importance of using high-solid products for long-term durability. "A lot of guys out there use 80% solids," he said. "That means when the product dries, 20% of it evaporates, leaving you with a thinner coating. We use 90% on the basecoat (to allow the flakes to penetrate), and 100% solids for our topcoat. A 100% topcoat means the floor dries to the same thickness we applied it."

As Jon rolls the base coat using a half-inch nap, 18-inch (45.72-cm) roller by Sherwin Williams, Monica follows behind, cutting corners and applying 1-inch (2.54-cm) Torginol flakes. She uses a technique of throwing them up rather than down to ensure even distribution. "It's all about coverage," Jon explained. "Throwing up makes sure the flakes disperse properly."

### Day 2: Scraping, Vacuuming, and Acrylic Sealer

Returning early the next morning to avoid the heat, the couple begins the meticulous process of scraping the surface to remove any excess flakes. Monica handles the vacuuming, ensuring that every loose particle is removed. "Monica is incredibly detailed when it comes to surface prep," Jon says. "If she's done the prep, I know the floor will come out flawless."

After vacuuming, Jon applies Chip Seal from Crown Polymers, which melts the flakes into place, creating a smoother surface. "The sealer is one of our secrets to achieving that

After Monica preps the surface, Jon roll applies a basecoat of ASTC polyaspartic coatings.



# JOB AT A GLANCE



For the third morning of the project, Jon roll applies the ASTC 100% solids polyaspartic topcoat.

high-gloss finish,” Jon noted. “It not only locks in the flakes but also enhances the shine of the floor.” The sealer used is also fully UV-protected, ensuring the floor’s longevity.

### Day 3: Topcoat Application

On the final day, Jon works solo, applying the ASTC 100% solids polyaspartic topcoat, a durable, UV-resistant finish. Before beginning, Jon uses a blower to clear any dust that might have settled overnight. He then rolls out the topcoat using the same type of roller he used for the base because a thicker roller that holds more product ensures the product is applied thicker.

“For the topcoat, I see a lot of other companies using a squeegee and then back rolling it,” Jon explained. “I’m always shocked to see this because the objective isn’t, or at least shouldn’t be, to get it on as thin as possible.”

The topcoat process is fast and efficient, thanks to the precise work done in the first two steps. By the end of the third day, they had completed a floor that was not only stunning but built to withstand the test of time. “The owner was thrilled,” Jon said, “especially when he saw how his floor looked compared to the oxidizing floors in other hangars.”

### Innovation and Influence

Jon Kopp isn’t just a business owner, he’s an innovator. Having pioneered the metallic movement in the coatings industry, Jon is now a respected leader, with companies across the U.S. and abroad calling him for advice. “I get calls from everywhere — Canada, London, Australia — asking for tips,” he said. “It’s humbling, but it’s also a sign that we’re doing something right.”

Recently, Jon’s expertise caught the attention of Arizona’s Registrar of Contractors (ROC). The ROC invited him to help rewrite the guidelines for the coatings industry, a task Jon takes seriously. “This industry needs better regulations,” he said. “I’ve seen too many bad installs because there’s no standard, no proper education. I’m excited to help change that.”

#### PROJECT:

Cover concrete floor of a 5,000-square-foot private airplane hanger in Queen Creek, Ariz.

#### COATINGS CONTRACTOR:

Quality Epoxy  
Gilbert, AZ  
(480) 275-7174  
IG: qualityepoxy  
www.qualityepoxy.com

#### SIZE OF CONTRACTOR:

2 employees

#### SIZE OF CREW:

2 crew members

#### PRIME CLIENT:

Private owner

#### SUBSTRATE:

Concrete

#### CONDITION OF SUBSTRATE:

Starting to show signs of wear

#### SIZE OF JOB:

5,000 sq. ft.

#### DURATION:

Mornings over 3 days

#### UNUSUAL FACTORS/CHALLENGES:

- » The extreme heat of an Arizona summer meant the project timeline needed to be adjusted to accommodate the health of the installers.
- » A project that could have been completed in 1–1.5 days was extended over 3 days instead.

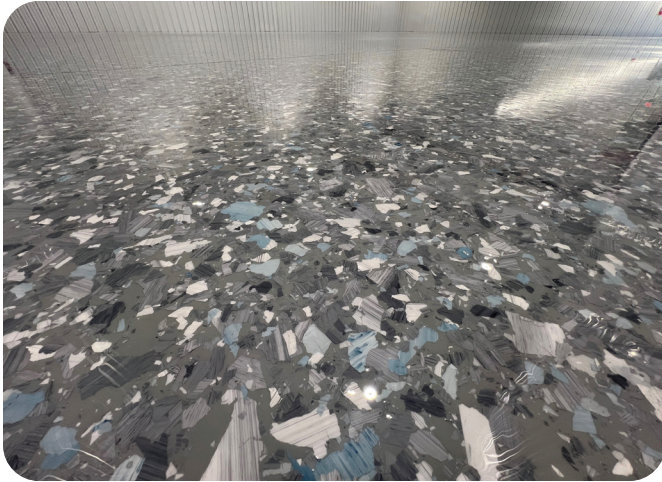
#### MATERIALS/PROCESSES:

- » Completed a deep grind with ASL G7 grinder and detail areas with Dewalt disc grinder, vacuuming and patching cracks and imperfections
- » Applied ASTC 5500 polyaspartic 90% solids with triple H and pigment packs using a Sherwin-Williams half-inch nap, 18-inch roller
- » Tossed 1-inch Torginol flakes for full coverage, scraping and vacuuming surface to remove loose flakes
- » Applied Chip Seal from Crown Polymers to entire surface and let dry
- » Applied 100% solid ASTC 5500 Series polyaspartic coatings with no pigment as a topcoat with Sherwin-Williams roller

#### SAFETY CONSIDERATIONS:

- » Wore standard personal protective equipment
- » Wore N95 face masks and safety glasses during grinding

# Hangar Floor Liftoff



As leaders in the epoxy coatings industry, the Kopps remain committed to the use of high-quality products such as 1-inch Torginol flakes.

## The Heart of the Business

Jon might be the face of Quality Epoxy, but Monica is its beating heart. As one of few women in the trade, Monica's contributions go beyond mere support — she's a critical part of the company's success. "Monica can run an entire job on her own if she had to," Jon proudly shared. "Her attention to detail, especially with surface prep and patching, is second to none."

Women in the trades are still underrepresented, and Monica's skills and determination are worth celebrating. From grinding and vacuuming to handling technical

aspects of the job, she can do it all. "Having a woman in the trades is invaluable," Jon said. "She brings a fresh perspective, and our success wouldn't be possible without her."

While the couple work together as a team, they also make time for themselves outside of work. "We love being together," Jon noted, "but we also know the importance of personal space. We both love going to the gym, but in order to provide some time apart, we hold memberships with different companies!"

After 17 years of marriage, Jon and Monica have found the perfect balance of working hard and playing hard. In April 2024 alone, they completed an impressive 32 projects, showcasing their dedication and efficiency in the epoxy coatings industry.

Despite their busy work schedule, they also make time to unwind and explore the world together, having recently celebrated their 20th cruise together. This balance between their professional commitments and personal adventures not only strengthens their partnership, but also fuels their passion for quality in both work and life.

## Industry Impact

As Jon and Monica continue to raise the bar in the epoxy coatings industry, they remain committed to one thing above all: quality. Their use of top-tier products, like ASTC polyaspartic coatings and 1-inch Torginol flakes, combined with their meticulous three-layer process, ensures that every floor they install is built to last.

"We offer a lifetime warranty on adhesion," Jon stated. "As long as the floor is prepped right and the product is good, there's no reason it should ever delaminate."

With Jon now helping to create new industry standards, the future of Quality Epoxy looks brighter than ever. "I just want to do better," Jon surmised. "And I want to help the whole industry do better, too." **CP**

By the end of the project, Quality Epoxy was able to deliver a new flooring system that, according to Jon, "thrilled" the hanger owner.



## VENDOR TEAM

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FB: [ASTC-Global-Inc](#)  
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<https://crownpolymers.com>

### DEWALT

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